

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025106.D
 Acq On : 27 Feb 2020 16:45
 Operator : CG/JU
 Sample : L1506-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCZ5

Manual Integrations
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Quant Time: Feb 28 04:32:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2626	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9797	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	5881	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	13495	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	14105	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	15327	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	4255	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	11022	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	794	0.027	ng/ul	96
7) Acenaphthylene	14.04	152	1285	0.038	ng/ul	94
9) Fluorene	15.37	166	670	0.023	ng/ul#	90
12) Phenanthrene	17.10	178	5406	0.114	ng/ul	99
13) Anthracene	17.19	178	4716	0.103	ng/ul	98
15) Fluoranthene	19.12	202	14558	0.211	ng/ul	98
17) Pyrene	19.48	202	24126	0.380	ng/ul	98
18) Benzo(a)anthracene	21.23	228	36629	0.601	ng/ul	100
19) Chrysene	21.28	228	53842	0.888	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	52238m	0.869	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	20257m	0.340	ng/ul	
23) Benzo(a)pyrene	23.35	252	24933	0.455	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.64	276	13422	0.195	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.65	278	3912	0.068	ng/ul#	63
26) Benzo(g,h,i)perylene	26.30	276	8544	0.148	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

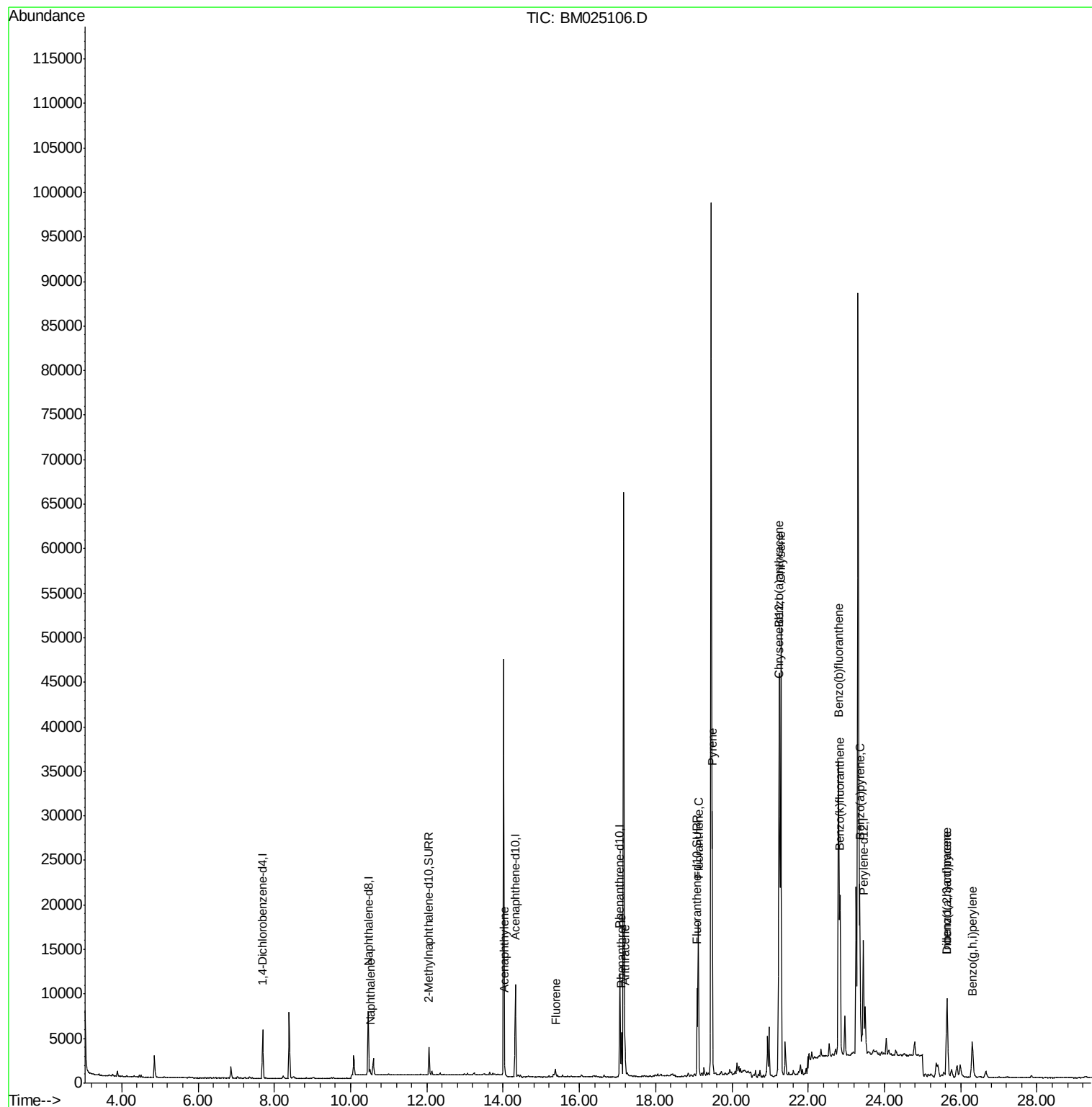
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
Data File : BM025106.D
Acq On : 27 Feb 2020 16:45
Operator : CG/JU
Sample : L1506-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

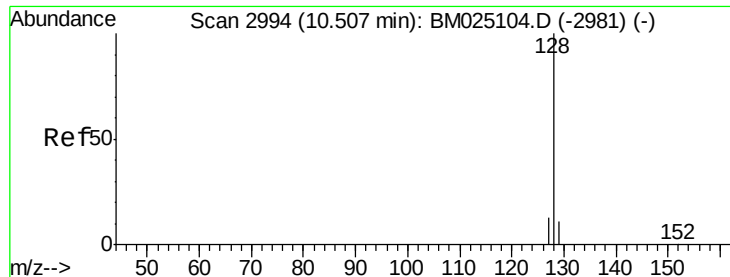
Instrument :
BNA_M
ClientSampleId :
DBCZ5

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Quant Time: Feb 28 04:32:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.51 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM025106.D

Acq: 27 Feb 2020 16:45

Instrument :

BNA_M

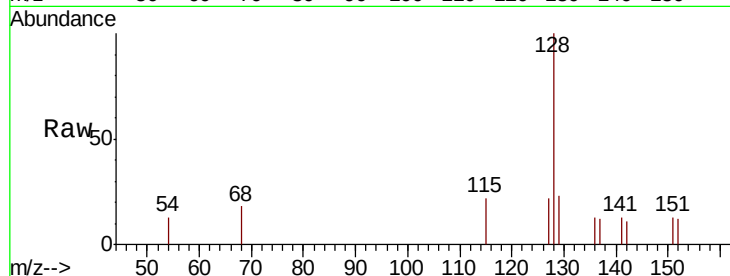
ClientSampleId :

DBCZ5

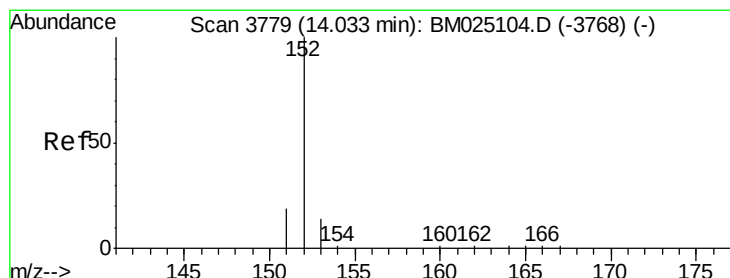
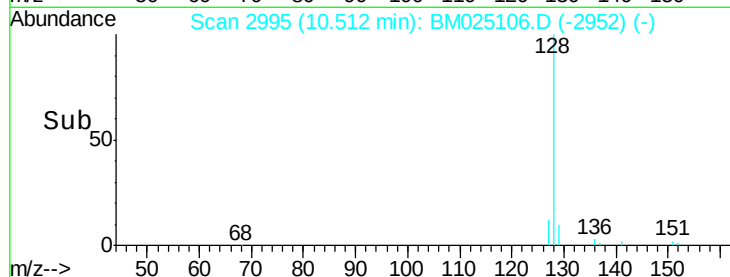
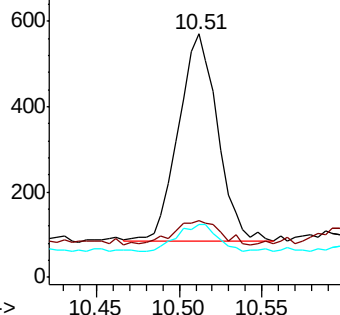
Tot Ion:	128	Resp:	794
Ion	Ratio	Lower	Upper
128	100		
129	23.1	17.0	25.6
127	21.5	15.7	23.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.038 ng/ul

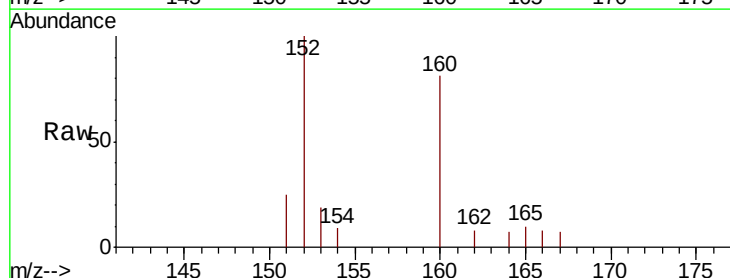
RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

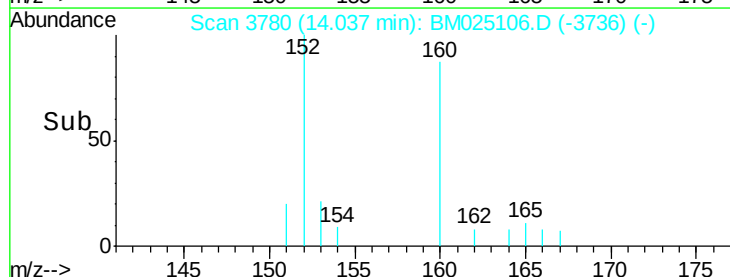
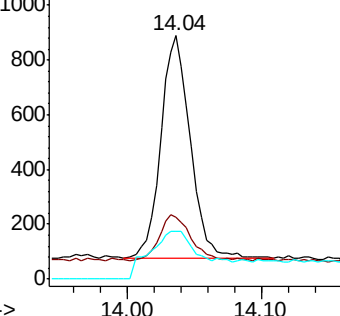
Lab File: BM025106.D

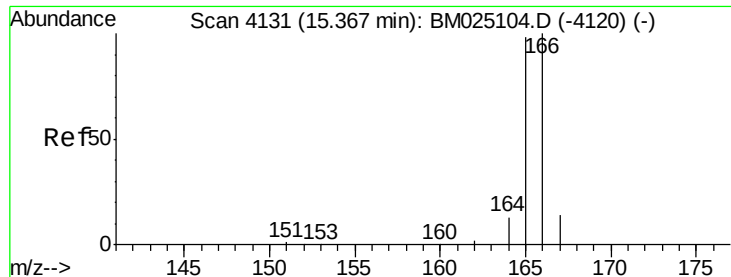
Acq: 27 Feb 2020 16:45

Tgt Ion:	152	Resp:	1285
Ion	Ratio	Lower	Upper
152	100		
151	25.2	17.8	26.8
153	19.3	13.3	19.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BM025106.D

Acq: 27 Feb 2020 16:45

Instrument :

BNA_M

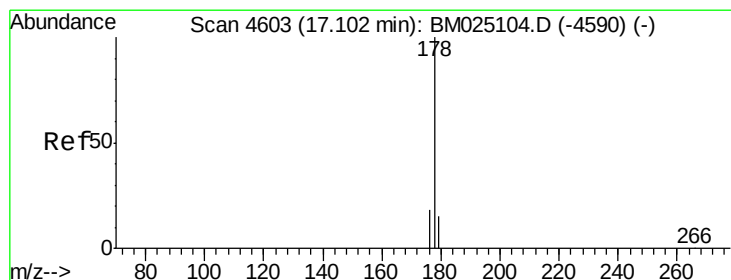
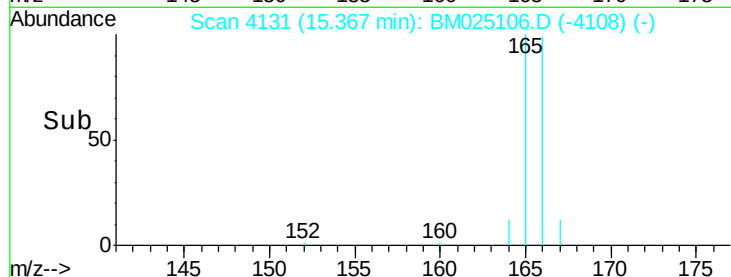
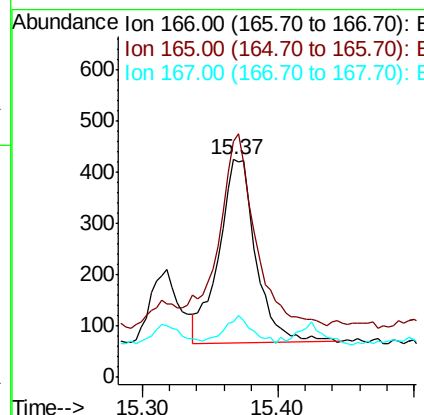
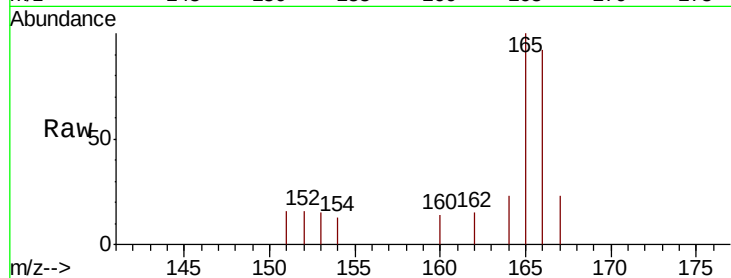
ClientSampled :

DBCZ5

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.2	80.0	120.0
167	25.4	13.7	20.5

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#12

Phenanthrene

Concen: 0.114 ng/ul

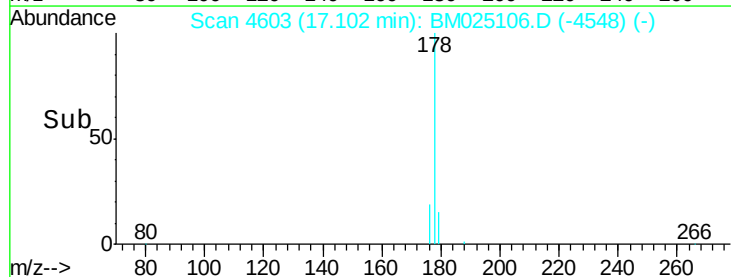
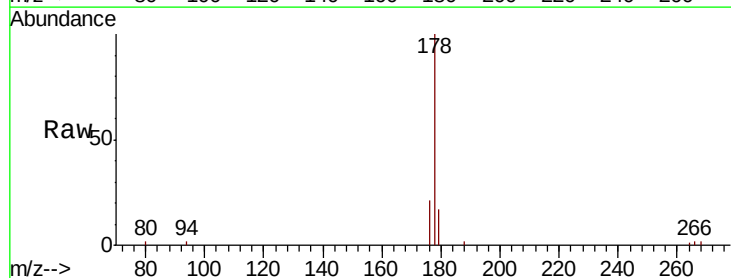
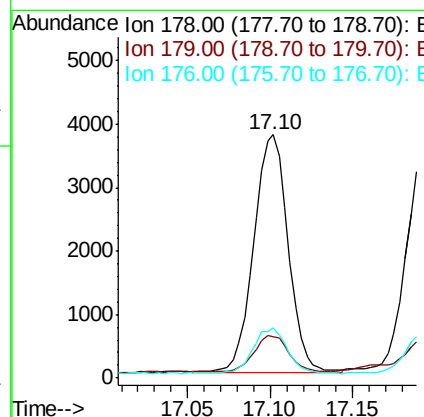
RT: 17.10 min Scan# 4603

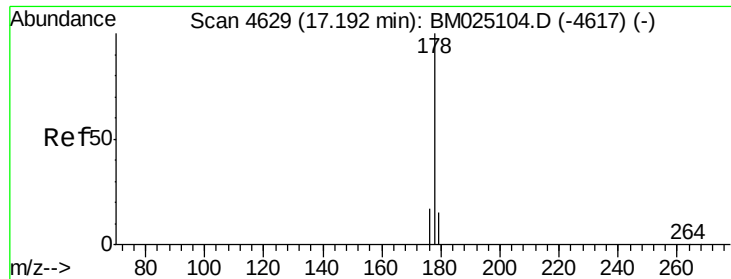
Delta R.T. -0.01 min

Lab File: BM025106.D

Acq: 27 Feb 2020 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	14.0	21.0
176	20.6	16.6	24.8





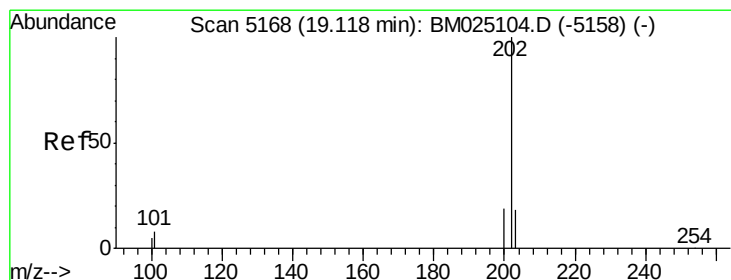
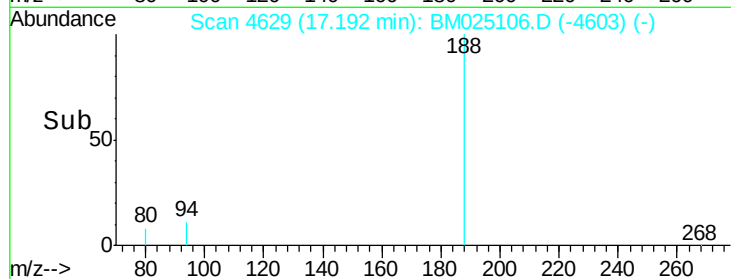
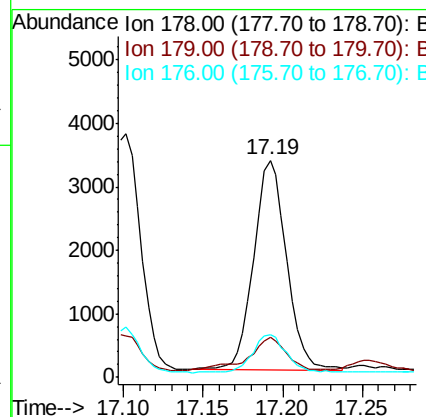
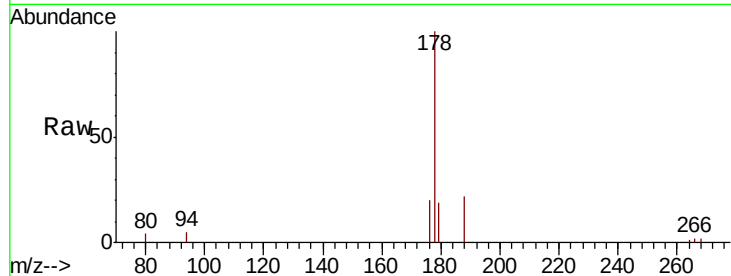
#13
 Anthracene
 Concen: 0.103 ng/ul
 RT: 17.19 min Scan# 4629
 Delta R.T. -0.01 min
 Lab File: BM025106.D
 Acq: 27 Feb 2020 16:45

Instrument :
 BNA_M
 ClientSampled :
 DBCZ5

Tot Ion:178	Resp:	4716
Ion Ratio	Lower	Upper
178	100	
179	18.7	14.1 21.1
176	19.9	16.2 24.4

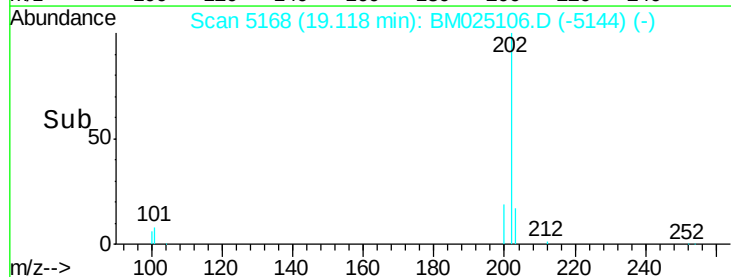
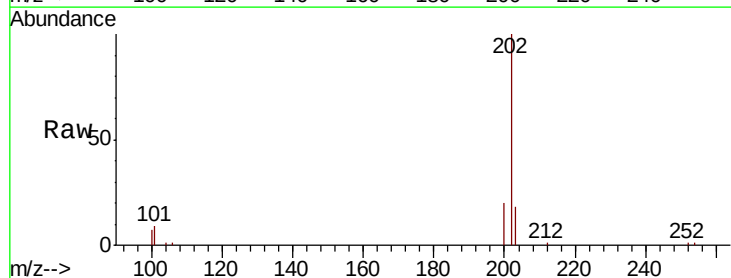
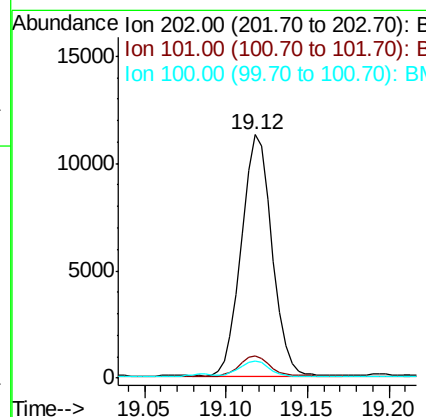
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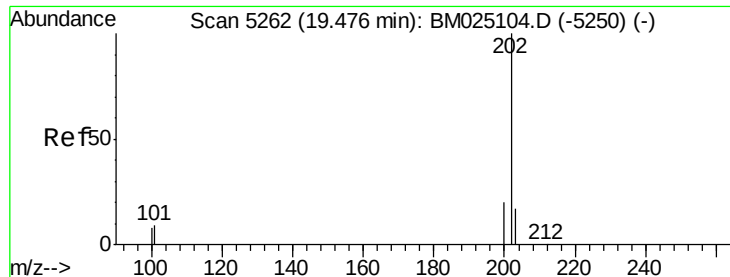
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#15
 Fluoranthene
 Concen: 0.211 ng/ul
 RT: 19.12 min Scan# 5168
 Delta R.T. -0.01 min
 Lab File: BM025106.D
 Acq: 27 Feb 2020 16:45

Tgt Ion:202	Resp:	14558
Ion Ratio	Lower	Upper
202	100	
101	9.1	0.0 29.4
100	7.0	0.0 28.0





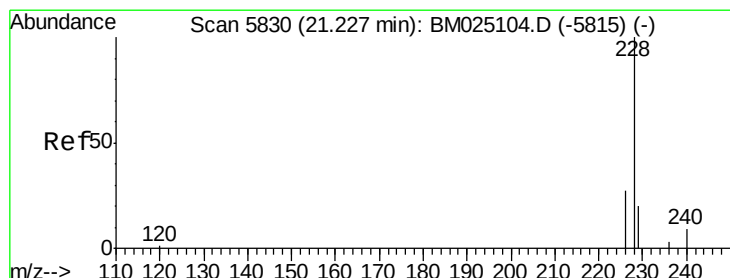
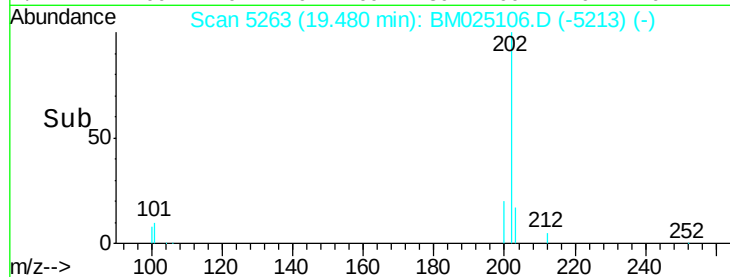
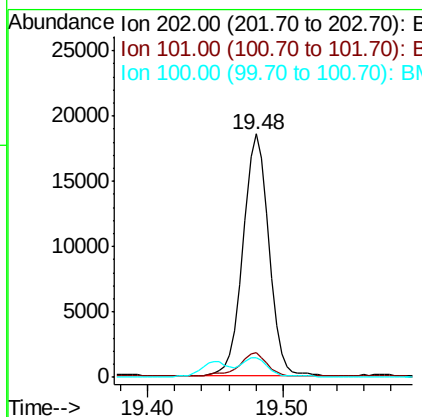
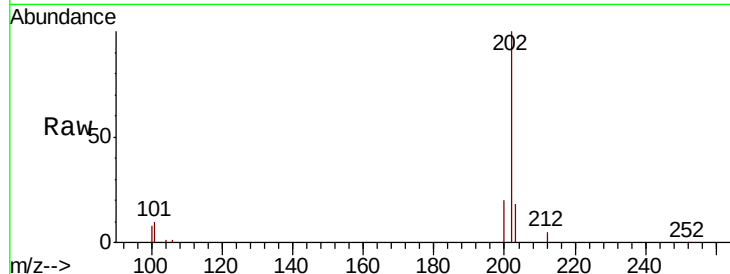
#17
Pvrene
Concen: 0.380 ng/ul
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025106.D
Acq: 27 Feb 2020 16:45

Instrument :
BNA_M
ClientSampleId :
DBCZ5

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.7	13.1
100	8.1	7.3	10.9

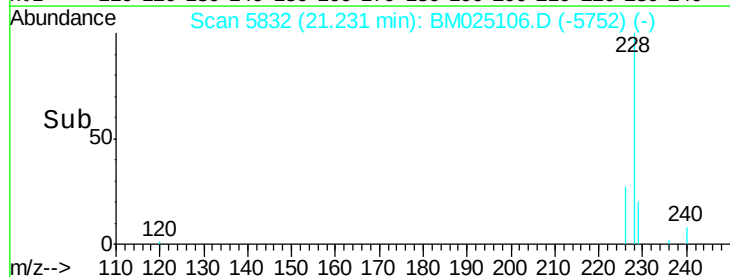
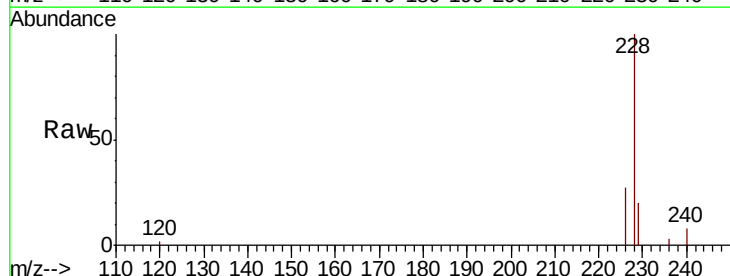
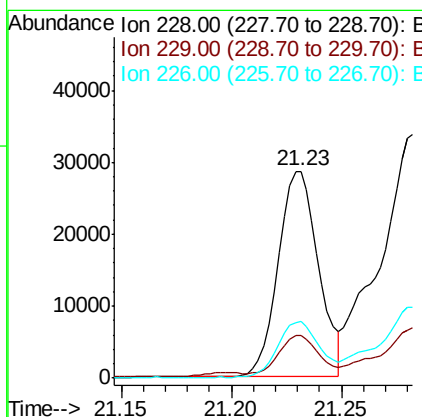
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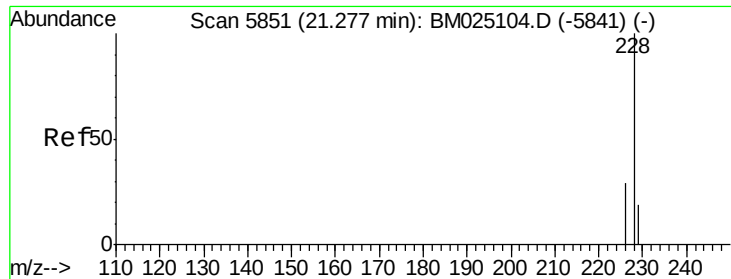
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#18
Benzo(a)anthracene
Concen: 0.601 ng/ul
RT: 21.23 min Scan# 5832
Delta R.T. -0.01 min
Lab File: BM025106.D
Acq: 27 Feb 2020 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.6	25.0
226	27.4	21.9	32.9





#19

Chrysene

Concen: 0.888 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM025106.D

Acq: 27 Feb 2020 16:45

Instrument :

BNA_M

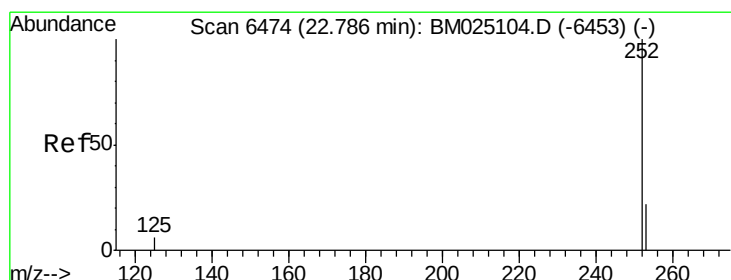
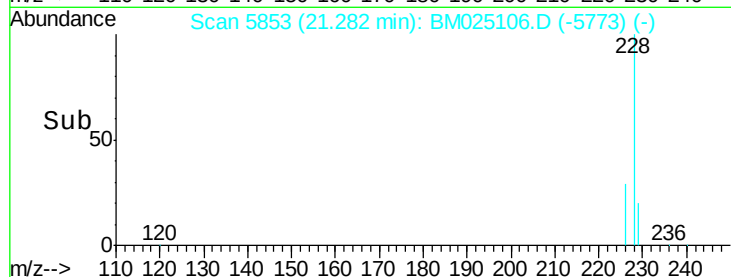
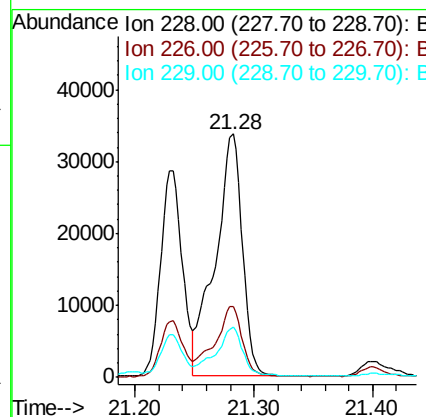
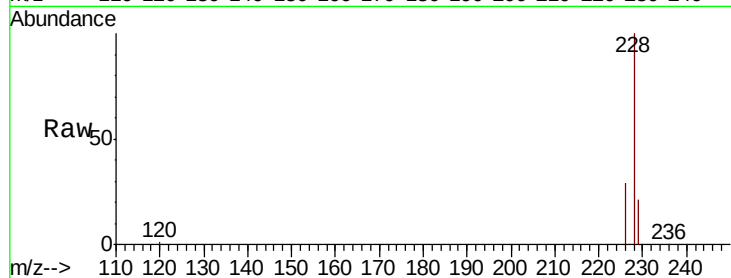
ClientSampled :

DBCZ5

Tot Ion:228	Resp:	53842
Ion Ratio	Lower	Upper
228 100		
226 29.1	23.8	35.8
229 20.7	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.869 ng/ul m

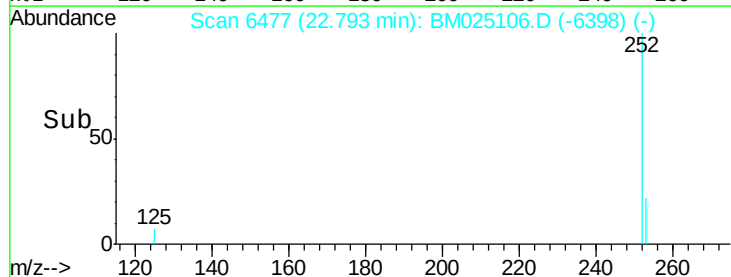
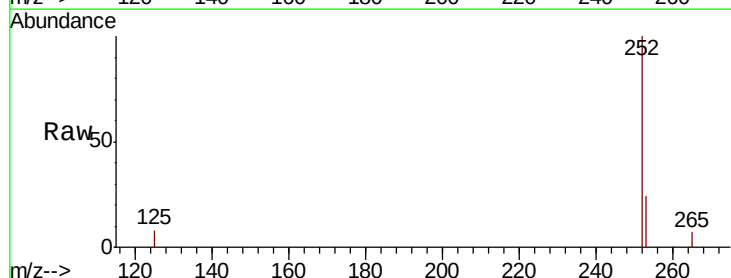
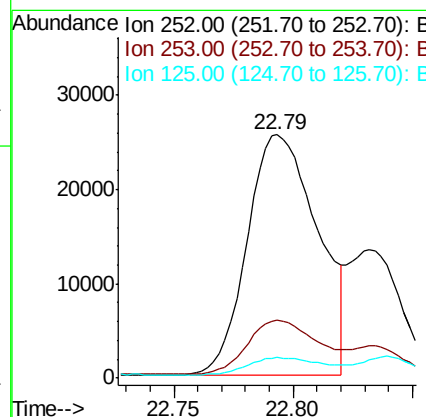
RT: 22.79 min Scan# 6477

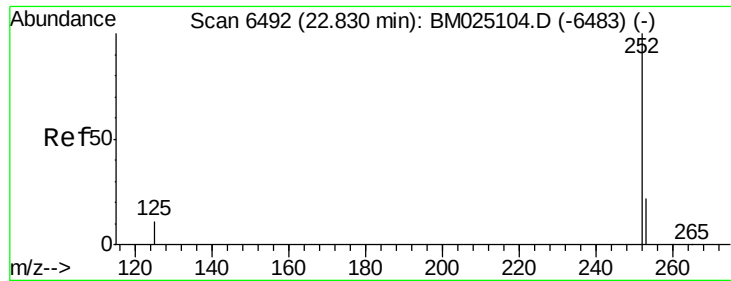
Delta R.T. -0.01 min

Lab File: BM025106.D

Acq: 27 Feb 2020 16:45

Tgt Ion:252	Resp:	52238
Ion Ratio	Lower	Upper
252 100		
253 23.6	0.0	49.8
125 8.4	0.0	28.6





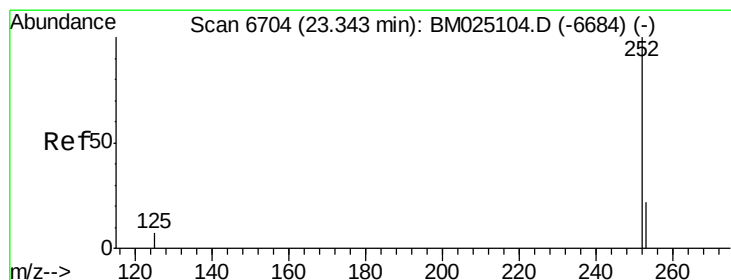
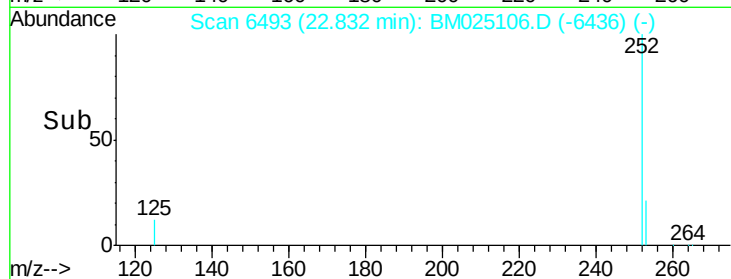
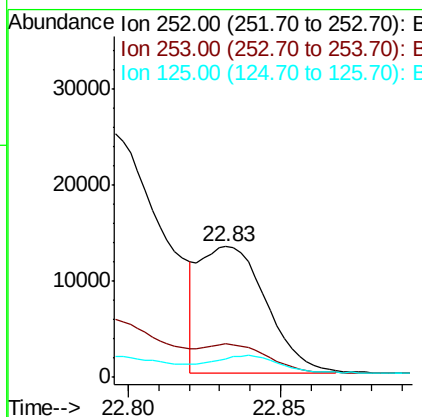
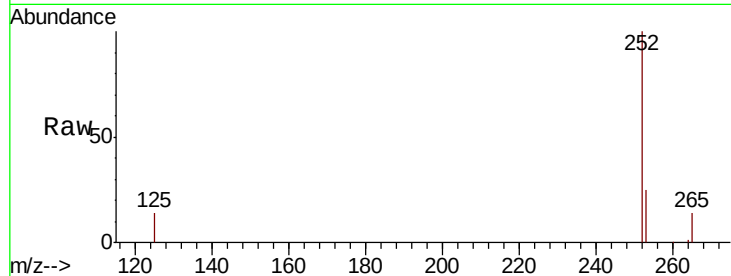
#22
Benzo(k)fluoranthene
Concen: 0.340 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.01 min
Lab File: BM025106.D
Acq: 27 Feb 2020 16:45

Instrument :
BNA_M
ClientSampleId :
DBCZ5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.4	29.0
125	14.5	10.7	16.1

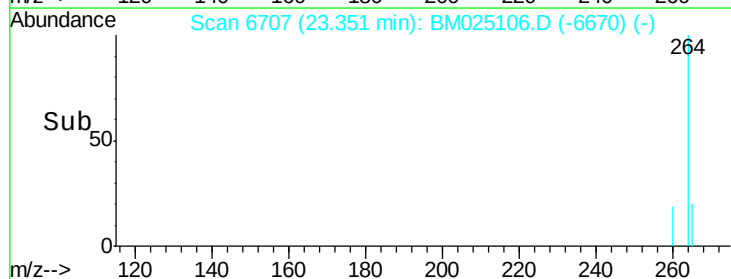
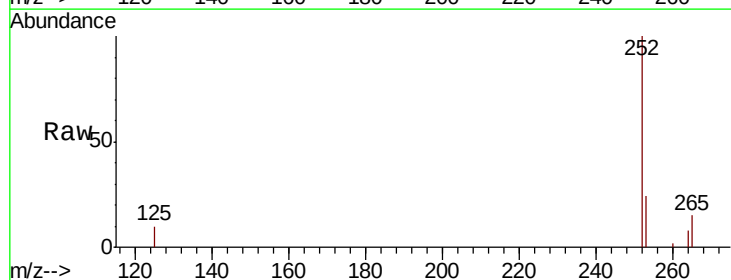
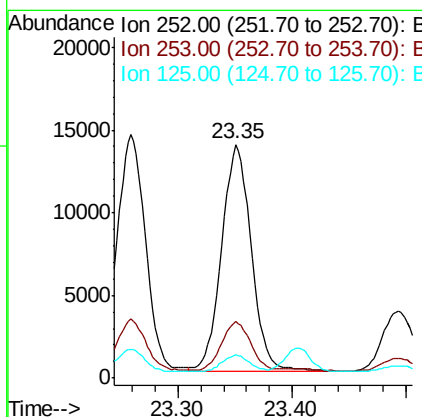
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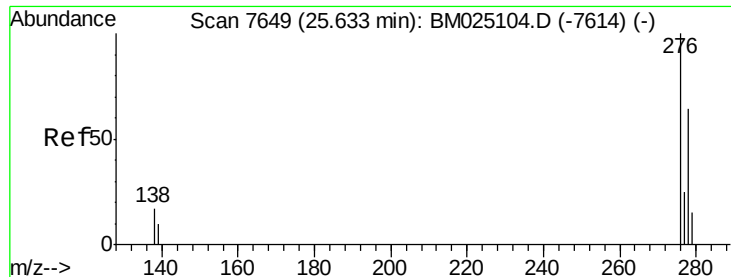
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#23
Benzo(a)pyrene
Concen: 0.455 ng/ul
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM025106.D
Acq: 27 Feb 2020 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.3	30.5
125	9.8	13.0	19.4





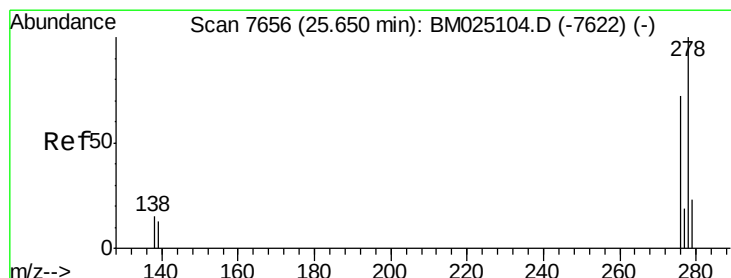
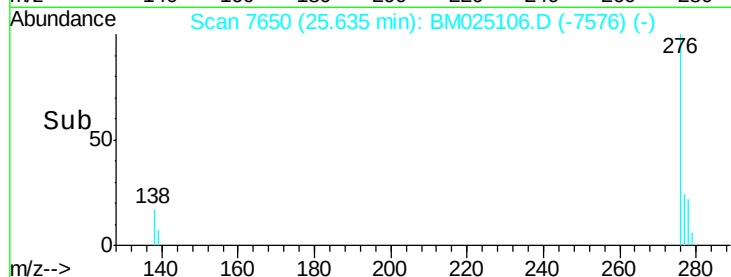
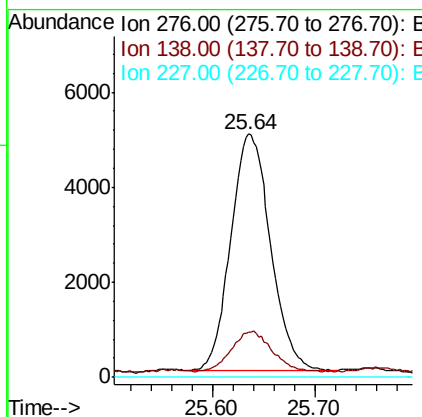
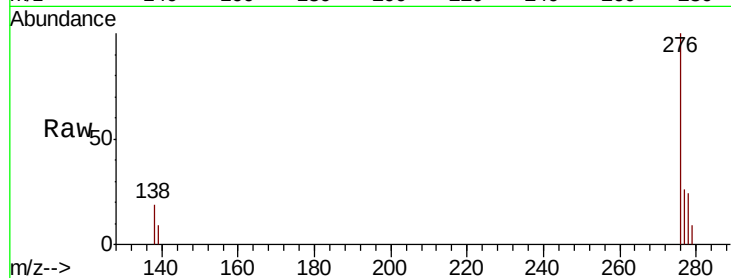
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.02 min
Lab File: BM025106.D
Acq: 27 Feb 2020 16:45

Instrument :
BNA_M
ClientSampleId :
DBCZ5

Tot Ion	Ratio	Resp	Lower	Upper
276	100	13422		
138	17.2	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

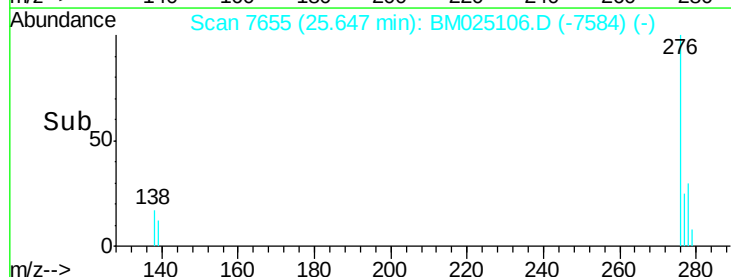
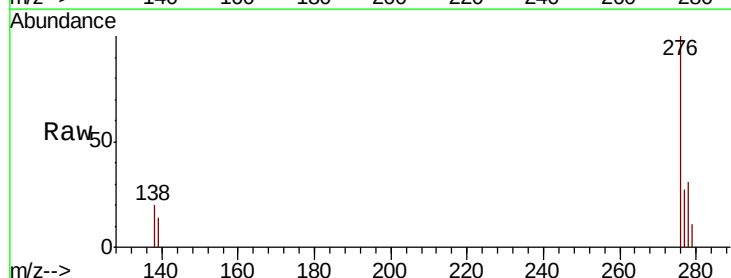
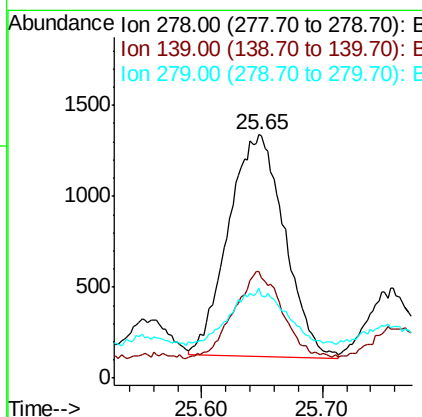
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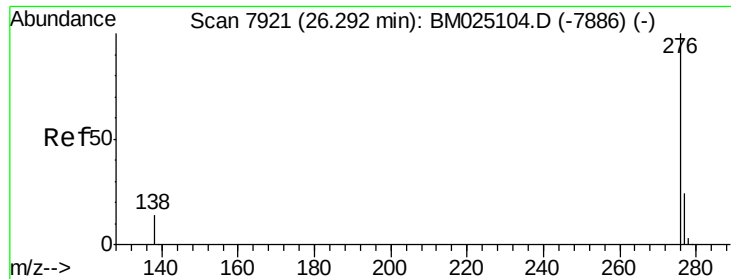
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#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.03 min
Lab File: BM025106.D
Acq: 27 Feb 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3912		
139	43.7	13.2	19.8	
279	36.8	21.0	31.4	





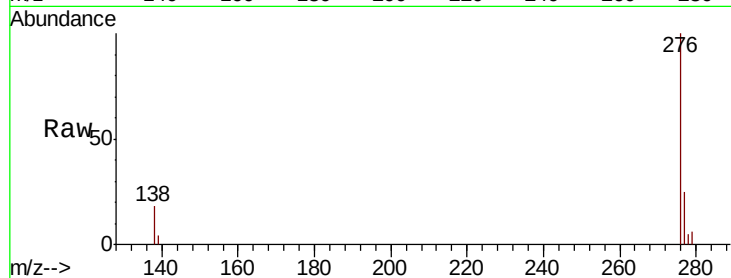
#26
 Benzo(a,h,i)perylene
 Concen: 0.148 ng/ul
 RT: 26.30 min Scan# 7926
 Delta R.T. -0.01 min
 Lab File: BM025106.D
 Acq: 27 Feb 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 DBCZ5

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.9	26.9#
277	25.2	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 2/28/2020 2:40:26 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

